

Work Order ID 55826

February 2, 2010 3:08:05 PM



Page 1

Item ID:	D4057-1	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Retaining Ring					
Start Date:	2/02/10	Start Qty:	100.00	Cust Item ID:		
Required Date:	2/05/10	Req'd Qty:	100.00	Customer:		
Reference:						

Approvals:	Process Plan:	<i>10</i>	Date:	<i>10-2-02</i>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4057	<i>PA1</i>	<i>Rev. A</i>							

100 0.00

Purchasing

Purchasing

Memo

Issue P/O: *11299*
Purchase part as per Dwg D4057
Part #: R3100-75
Possible Supplier: Spaenaur
Material release note required

0.00

10-2-02
(36)

110 0.00

Packaging

Packaging

Memo

Receive & Inspect for Damage & Mat'l Certs

0.00

P1142/3 *(36)*

~~PRELIMINARY ISSUE~~

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 55826

February 2, 2010 3:08:05 PM



Page 2

Item ID: D4057-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Retaining Ring

Start Date: 2/02/10 Start Qty: 100.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 100.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

0.00

Quality Control

Memo

NO CHANGES FROM PA1 to RES A Dwg.
NOT INSPECTED TO A RELEASED Dwg. S10/4/05

130

Identify as per dwg & Stock Location: ST 124 0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release 0.00



QC

Memo

0.00

Quality Control

POSITIVE RECALL

EFFECTIVE DATE: 10/06/28 AUTH: [Signature]

RELEASED: [Signature] DATE: 10-2-19 AUTH: [Signature]

24436

10-2-19

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

February 2, 2010 3:08:52 PM

Work Order ID: 55826



Parent Item: D4057-1



Parent Item Name: Retaining Ring



Start Date: 2/02/10

Required Date: 2/05/10

Comments: IPP rev A 10.02.02 new issue Prelim EC verified by:DD

Start Qty: 100.00

Required Qty: 100.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
R3100-75  Retaining Ring		Purchased	No			100	Each	0.0000	100.0000 			

Pick/3/4 100

0-5100075

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

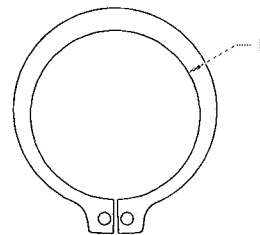
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 35824
PA10-2-02

DART P/N	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	FREE DIAMETER "D"	THICKNESS "T"	FITS GROOVE DIAMETER	FITS GROOVE WIDTH	COATING
D4057-1	SPAENAUER	R3100-75	0.693	0.042	0.704	0.046	NONE

D4057-X RETAINING RING

PRELIMINARY ISSUE

10.01.13

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4057-X" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

PA1	NEW ISSUE		10.01.13
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.13		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4057**

TITLE **RETAINING RING**

SCALE **NTS**

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MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE February 02, 2010
NUMBER 0000132234
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUM
11299	EB	02-Feb-10		000013223
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK	NET 30 DAYS		
PART NUMBER	UOM	QUANTITY		
DESCRIPTION		REQ.	SHIPPED	B.C.
0-5100075 5100-075 RETAINING RING	EA	36	36	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11299

Purchase Order Date 2/02/10

PO Print Date 2/02/10

Page Number 1 of 1

Order From :

VC-MAI001

MAIN INDUSTRIAL SALES LTD.
1475, TESSIER
HAWKESBURY, ON K6A 3S6
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 632 3595	Requisition Nbr	
Vendor Fax	613 632 0262	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	R3100-75	Retaining Ring	2/03/10 Yes	36.00 Each		\$0.2200	\$7.92

Special Inst: As per DWG D4057 Rev;PAI
B#55826

PO Total: \$7.92

Change Nbr: 2

Change Date: 2/02/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE February 02, 2010
NUMBER 0000132234
CUSTOMER NO. DART

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DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

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F.O.B.	SHIP VIA	TERMS		
F.O.B. value	OUR TRUCK	NET 30 DAYS		
PART NUMBER	UOM	QUANTITY		
DESCRIPTION		REQ.	SHIPPED	B.O.
0-5100075 5100-075 RETAINING RING * Ref. your part R3100-75 Merci Eve Att. Brigitte	EA	36	36	

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

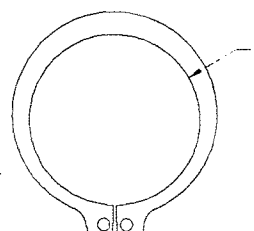
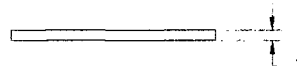
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



DART P/N	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	FREE DIAMETER "D"	THICKNESS "T"	FITS GROOVE WIDTH	COATING
D4057-1	SPAENAU	R3100-75	0.693	0.042	0.046	NONE
D4057-1	MAIN INDUSTRIAL	0-5100075	0.693	0.042	0.046	NONE

REFERENCE ONLY

D4057-X RETAINING RING

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY CONTAINER WITH DART P/N "D4057-X" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

REV.	NEW ISSUE	DESCRIPTION	BY	DATE
DESIGN				10.01.25
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE	10.01.25			

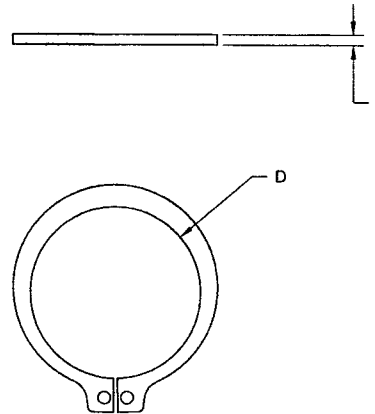
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4057** REV. A
TITLE **RETAINING RING** SHEET 1 OF 1
SCALE NTS

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See Rev. A

SPECIFICATION CONTROL DRAWING



DART P/N	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	FREE DIAMETER "D"	THICKNESS "T"	FITS GROOVE WIDTH	COATING
D4057-1	SPAENAU	R3100-75	0.693	0.042	0.046	NONE
	MAIN INDUSTRIAL	0-5100075	0.693	0.042	0.046	NONE

D4057-X RETAINING RING

NOTES:

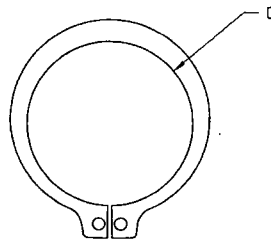
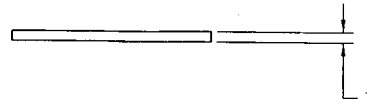
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- 7) WEIGHT: N/A

A	NEW ISSUE	10.02.05
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	10.02.05	

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4057	REV. A SHEET 1 OF 1
TITLE RETAINING RING	SCALE NTS
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See Rev A

SPECIFICATION CONTROL DRAWING



WB 55826

DART P/N	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	FREE DIAMETER "D"	THICKNESS "T"	FITS GROOVE WIDTH	COATING
D4057-1	SPAENAU	R3100-75	0.693	0.042	0.046	NONE
	MAIN INDUSTRIAL	0-5100075	0.693	0.042	0.046	NONE

RELEASED
2010-05-05
WJ

D4057-X RETAINING RING

NOTES:

- 1) MATERIAL: SEE TABLE
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A	NEW ISSUE	10.02.05
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APPROVED		
DE APPR.		
DATE	10.02.05	

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4057** REV. A
SHEET 1 OF 1

TITLE **RETAINING RING** SCALE NTS

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